

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 30 Oct 2023 until 23:59 on Tuesday 31 Oct 2023

Forecast Issued on Sunday 29 Oct 2023 at 10:08

Confidence: High for an unsettled spell of weather, particularly later in the week, lower for rainfall detail.

Headline for Monday 30 Oct 2023: Rather cloudy with a little rain at times.

Mountain weather hazards on Monday 30 Oct 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light rain	Light rain	Cloudy	Cloudy	Cloudy	Light rain showers	Cloudy	Cloudy
Precipitation probability							
60%	40%	30%	20%	20%	40%	30%	30%

Forecast for Monday 30 Oct 2023

Weather: A cloudy start with outbreaks of light rain during the early hours, brightening up during the morning. Perhaps a few light showers during the afternoon.

Chance of cloud-free hill tops above 600m: 20-30% improving to 70-80% by around midday

Low Cloud and visibility: Scattered or broken low cloud base 500-700m during the early hours, lifting and breaking during the morning. Visibility mostly good, perhaps reducing slightly in rain or showers.

Forecast for Monday 30 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/14 E	10/16 E	11/17 E	11/17 E	12/19 E	12/19 E	12/20 E	12/21 E	12/20 E
300	6/13 NE	8/15 E	9/18 E	10/18 E	11/19 E	10/19 E	11/21 E	11/21 E	10/20 E
Valley	11/20 E	11/21 E	12/22 E	12/21 E	11/19 E	10/19 E	11/22 E	11/22 E	11/22 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/2	4/1	4/0	4/0	5/1	5/1	4/0	4/0	4/0
300	7/5	7/4	6/4	7/4	8/4	7/4	7/3	6/3	6/3
Valley	8/6	8/5	8/5	8/6	10/7	9/7	8/6	8/5	8/5
Freezing Level*	1600m	1600m	1600m	1600m	1600m	1600m	1700m	1600m	1600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling cold at height.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 29 Oct 2023	12.6mm	12.8mm	13.8mm

Forecast for Tuesday 31 Oct 2023

Weather: Mainly dry but rather cloudy on Tuesday, some bright or sunny spells at times. Heavy rain arriving from the southwest late evening.

Maximum wind: Easterly 10 mph, increasing southeasterly 20 mph, gusting 30-35 mph late evening.

Chance of cloud-free hill tops above 600m: 40% during the early hours, soon improving to 80%, lowering to 30% late evening.

Low Cloud and visibility: Scattered or broken low cloud base 500-700m during the early hours, soon clearing, but similar late evening. Visibility good but moderate in rain later.

Temperature: **Valleys:** Plus 7 to 9 Celsius
At 600m: Plus 3 to 5 Celsius
Freezing level: Above summits